

Title (en)

THERMALLY CONDUCTIVE POLYCARBONATES WITH IMPROVED FLAME PROTECTION BY MEANS OF BARIUM SULFATE

Title (de)

WÄRMELEITFÄHIGE POLYCARBONATE MIT VERBESSERTEM FLAMMSCHUTZ DURCH BARIUMSULFAT

Title (fr)

POLYCARBONATES CONDUCTEURS DE CHALEUR À PROTECTION CONTRE LES FLAMMES AMÉLIORÉE À L'AIDE DU SULFATE DE BARYUM

Publication

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Application

EP 20716496 A 20200409

Priority

- EP 19170116 A 20190418
- EP 2020060151 W 20200409

Abstract (en)

[origin: WO2020212245A1] The present invention relates to a thermoplastic composition comprising at least one aromatic polycarbonate, talc, at least one anhydride-modified alpha-olefin polymer, at least one organic flame-retardant agent selected from: anti-drip agents containing fluoropolymers, fluorinated sulfonic acid salts, organic phosphoric acid esters, phosphazenes or mixtures from at least two of the above agents and barium sulfate. The invention also relates to a production method for such a composition and to a molded body that can be produced from such a composition. The composition contains barium sulfate in an amount of ≥ 3 wt.% in relation to the total weight of the composition. The preferred amount is ≥ 5 wt.%.

IPC 8 full level

C08L 69/00 (2006.01)

CPC (source: EP KR US)

C08G 64/04 (2013.01 - US); **C08J 3/005** (2013.01 - US); **C08K 3/22** (2013.01 - KR); **C08K 3/30** (2013.01 - KR); **C08K 3/34** (2013.01 - KR); **C08K 5/523** (2013.01 - KR); **C08L 23/0869** (2013.01 - KR); **C08L 27/12** (2013.01 - KR); **C08L 69/00** (2013.01 - EP KR US); **C08K 2003/2241** (2013.01 - US); **C08K 2003/3045** (2013.01 - US); **C08L 51/06** (2013.01 - US); **C08L 2201/02** (2013.01 - US)

C-Set (source: EP US)

EP

1. **C08L 69/00 + C08K 3/30 + C08K 3/34 + C08K 5/523 + C08L 23/0869 + C08L 27/12**
2. **C08L 69/00 + C08K 3/30 + C08K 3/34 + C08K 5/42 + C08L 23/0869 + C08L 27/12**

US

1. **C08L 69/00 + C08L 23/147 + C08L 27/18 + C08K 3/34 + C08K 5/42 + C08K 3/30**
2. **C08L 69/00 + C08L 23/147 + C08L 27/18 + C08K 3/34 + C08K 5/523 + C08K 3/30**
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DOCDB simple family (publication)

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